



# Airport-grade smart photovoltaic energy storage containers with ultra-large capacity



✓ LIQUID/AIR COOLING

✓ PROTECTION IP54/IP55

✓ PCS EMS

✓ BATTERY /6000 CYCLES





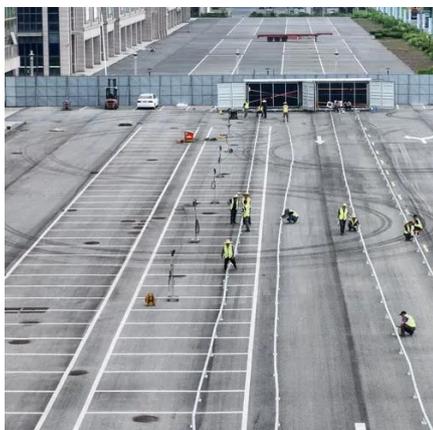
## Overview

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Designed to address surging global energy needs—from AI-driven data centers to industrial electrification—the TENER Stack reimagines spatial efficiency. Leveraging CATL's proprietary 5-year zero-degradation high-density cells, the system achieves a 45% improvement in volumetric. CATL catapults itself into the record books after unveiling the TENER Stack, the world's first 9-MWh ultra-large capacity energy storage system solution. The company revealed the next-gen product at ees Europe 2025. “CATL has always been at the forefront of the energy transition,” said Amanda Xu. LZY offers large, compact, transportable, and rapidly deployable solar storage containers for reliable energy anywhere. The 9 MWh system supports both centralized and string power conversion system architectures, offering flexibility for a range of deployment scenarios.



## Airport-grade smart photovoltaic energy storage containers with ultra



### CATL Launches World's First 9MWh Ultra-Large Capacity TENER ...

TENER Stack incorporates CATL's high-energy-density cells with five-year zero degradation technology, achieving a 45% improvement in volume utilisation and a 50% increase in ...

### CATL Unveils TENER Stack: The World's First 9MWh Ultra-Large ...

CATL debuts 9MWh TENER Stack, the worlds first ultra-large energy storage system bins split-design transport compliance, 5-year zero-degradation cells, 20% cost ...



### [CATL leapfrogs competitors, releases 9-MWh BESS](#)

CATL catapults itself into the record books after unveiling the TENER Stack, the world's first 9-MWh ultra-large capacity energy storage system solution.

### CATL's TENER Stack Redefines Energy Storage with 9MWh Capacity ...

It achieves a 45% improvement in space utilization and a 50% increase in energy density over traditional 20-foot container systems. With a capacity of 9MWh, it can charge 150 electric ...



### **CATL unveils mass-producible 9MWh energy storage system solution**

Compared to traditional 20-foot container systems, it boasts a 45% increase in space utilization and a 50% boost in energy density. With a single-unit capacity of 9MWh, the system can ...



### **CATL Launches World's First 9MWh Ultra-Large Capacity TENER ...**

"To meet the expectation of a BESS system that has high energy density, small footprint, simpler AC-side configuration, and flexible deployment, we bring the latest CATL TENER energy ...



### **CATL unveils 9MWh ultra large capacity energy storage system, the ...**

The TENER Stack features CATL's advanced high-energy-density cells and incorporates their proprietary five-year zero degradation technology. Compared to conventional 20-foot container ...



[Solar Container , Large Mobile Solar](#)



## Power Systems

Discover our range of innovative solar panels on shipping container products engineered to meet your renewable energy needs with maximum efficiency and reliability.



## **World's First Mass-Produced! CATL Launches 9MWh Ultra-Large-Capacity**

On May 7th, 2025, CATL has unveiled the world's first mass-producible 9MWh ultra-large-capacity energy storage system solution, TENER Stack, setting a new industry benchmark with ...

## **CATL unveils 9 MWh utility-scale battery - pv magazine International**

On the first day of the Smarter E show in Munich, CATL, the world's largest battery manufacturer, unveiled the Tener Stack, which it describes as the world's first 9 MWh ultra-large ...





## Contact Us

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